

INTERPRETATION TABLE																				
DRB1*04 SSP subtyping																				
Allele-specific amplification patterns of the DRB1*0401 to *0478 alleles																				
	Well ⁴																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	190	145	140	100
PCR product											220	265	225	220					210	175
																				255
Length of int.	515	430	430	515	430	430	430	430	430	515	430	515	430	430	430	515	430	430	515	430
pos. control ¹																				
5'-primer(s) ²	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	37	13	13	13	13
	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CC ^{3'}	5'-g TA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}
3'-primer(s) ³	71	71	74	74	57	37	86	86	71	57	58	59	56	67	71	74	60	47	46	33
	5'-CTT ^{3'}	5'-CTC ^{3'}	5'-C CT ^{3'}	5'-C Cg ^{3'}	5'-gCT ^{3'}	5'-C gg ^{3'}	5'-C AC ^{3'}	5'-C CA ^{3'}	5'-TCT ^{3'}	5'-ATC ^{3'}	5'-C CT ^{3'}	5'-CTg ^{3'}	5'-AgC ^{3'}	5'-gAT ^{3'}	5'-CTT ^{3'}	5'-C CT ^{3'}	5'-gTT ^{3'}	5'-g gA ^{3'}	5'-TA g ^{3'}	5'-gTT ^{3'}
									71	57	73	88	74	67			67		70	58
									5'-CCT ^{3'}	5'-ATC ^{3'}	5'-g GC ^{3'}	5'-AA T ^{3'}	5'-CA g ^{3'}	5'-gAT ^{3'}			5'-gAA ^{3'}		5'-T CC ^{3'}	5'-C gC ^{3'}
														67						85
														5'-gAT ^{3'}						5'-C Ag ^{3'}
														73						
														5'-ggA ^{3'}						
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*040101-040103	1			4			7			10										
*0402		2		4				8		10				14						
*040301, 040403-040304			3					8	9	10						16				
*040302			3					8	9	w						16				
*0404				4				8	9	10										
*040501, 040503-040506				4	5		7		9											
*040502				4	5		7		9											
*040601-040602			3			6		8	9	10										
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	190	145	140	100

PCR product											220	265	225	220					210	175
																				255
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DRB1 allele																				
*040701-040703			3				7		9	10						16				
*0408				4			7		9	10										
*0409	1			4	5		7													
*0410				4	5			8	9											
*0411			3		5			8	9							16				
*0412					5			8	w				13	14						
*0413	1			4				8		10										
*0414		2		4			7			10				14						
*0415				4				8	9		11						17			
*0416	1			4			7			10		12								
*0417			3		5		7		9							16				
*0418								8	w	10			13	14						
*0419				4		6	7		9	10										
*0420			3			6	7		9	10										
*0421	1			4		6	7			10										
*0422								8		10	11									
*0423				4				8	9	10		12								
*0424				4	5		7		9									19		
*0425								8	w	10			13				17			
*0426	1			4			7			w										
*0427			3					8	9	10						16				20
*0428				4	5		7		9								18			
*0429				4	5		7		9											
*0430				4	5		7		9											
*0431							7		w	10			13							
*0432				4				8	9	10										
*0433	1			4			7			10										
*0434														15						
*0435	1			4			7			10								18		
*0436				4				8	9	10							17			
*0437		2		4				8		10										
*0438	1			4			7			10				14						
*0439			3					8	9	10						16			19	
*0440				4				8	9	10										20
*0441			3					8	9	10										
*0442				4				8	9	10								18		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	190	145	140	100
PCR product											220	265	225	220					210	175
																				255
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*0443				4			7		9	10								18		

*0444				w				8	9	10										
*0445				4	5		7		9											
*0446			3			6		8	9	10			13							
*0447				4			7		w	10							17			
*0448				4	5		7		9				14							
*0449			3			6		8	9	10										
*0450			3					8	9	10					w					
*0451			3					8	9	10					16					
*0452			3					8	9	10		12			16					
*0453				4				8	w	10			14							
*0454							7		w	10			13				17			
*0455								8	w	10			13							
*0456				4				8	9	10			14							
*0457				4	5		7		9								17			
*0458								8	w	10			13							
*0459			3					8	9	10					16		18			
*0460			3					8	9	10					16					
*0461				4			7		9		11									
*0462	1			4			7													
*0463	1			4			7			10								20		
*0464																				
*0465			3			6		8		10										
*0466																				
*0467	1			4	5			8												
*0468				4		6		8	9	10										
*0469			3				7		9						16		19			
*0470				4				8	9	10										
*0471			3					8	9	10					16					
*0472	1			4			7			10										
*0473				4				8					w							
*0474							7		9	10										
*0475				4			7			10										
*0476	1			4			7			10										
*0477				4	5		7		9											
*0478			3			6		8	9	10								19		
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	190	145	140	100
PCR product											220	265	225	220					210	175
																				255
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*0103, 111101-111102, 111401-111402, 1120, 1168, 130201-130203, 1323, 1329, 1331, 1334, 1336, 1337, 1339, 1341, 1345, 1363, 1367, 1373, 1374, 1385																				
*0110, 0116, 030201-030202, 030501-030502, 0309, 0314, 0317, 0327, 0329, 0335, 0340, 0341, 1419																				
*0117, 090102-090202, 0904, 0905, 0907, 0908, 140701-140702, 1414, 1436, 144401-144402, 1451, 1468																				
*0312, 0806, 0810, 0812, 0822, 1358, 1465, 1478, 1512																				
*0338																				
*0829																w				
*1122				4			7		9		11						17	18		
*1153																w				
*115401-115402, 1458																w				
*130301-130302, 1333, 1338, 1365, 1366, 1388																				
*1304, 1332, 1348, 1375, 1381																				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Length of spec.	215	215	225	225	170	115	260	260	215	170	175	180	170	200	215	150	190	145	140	100
PCR product											220	265	225	220					210	175

																				255
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
*1410			3					8	9										19	
*1442													w							
*1457		2		4				8						14						
DRB1 allele																				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DRB3*01010201-0113, 020201-0203, 0205-0210, 0212, 0213, 0215, 0216, 0218-0223, 0303																				
DRB3*0211, 0217																				
DRB5*0112																				
Well No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

INTERPRETATION TABLE

DRB1*04 SSP subtyping

Allele-specific amplification patterns of the DRB1*0401 to *0478 alleles

Well ⁴																						
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
155	230	120	85	125	200	120	90	75	80	85	115	215	260	245	240	235	215	175	150	160	110	Length of spec. PCR product
200		235		230		265		260		260												
				260																		
430	430	430	430	430	515	515	430	430	430	430	430	430	515	430	515	430	515	430	430	430	430	Length of int. pos. control ¹
13	13	13	71	13	13	11	57	13	57	13	13	13	13	13	20	13	13	13	13	13	13	5'-primer(s) ²
5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-g AA ^{3'}	5'-A TA ^{3'}	5'-A CA ^{3'}	5'-Ag A ^{3'}	5'-AgC ^{3'}	5'-A TA ^{3'}	5'-AgC ^{3'}	5'-A TA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-g TC ^{3'}	5'-A CA ^{3'}	5'-A CC ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	5'-A CA ^{3'}	
				23		57		74		71												
				5'-g CC ^{3'}		5'-AgC ^{3'}		5'-C gA ^{3'}		5'-C gA ^{3'}												
				58		63				71												
				5'-AT A ^{3'}		5'-CA A ^{3'}				5'-C AA ^{3'}												
51	72	39	86	86	67	86	74	86	71	86	37	71	86	81	86	77	71	57	49	53	37	3'-primer(s) ³
5'-C CA ^{3'}	5'-C CT ^{3'}	5'-A gT ^{3'}	5'-C AC ^{3'}	5'-C AC ^{3'}	5'-gAg ^{3'}	5'-C CA ^{3'}	5'-C CT ^{3'}	5'-C AC ^{3'}	5'-g CT ^{3'}	5'-C AC ^{3'}	5'-C gT ^{3'}	5'-CCA ^{3'}	5'-C AC ^{3'}	5'-gTA ^{3'}	5'-C CA ^{3'}	5'-Ag T ^{3'}	5'-CgC ^{3'}	5'-C Ag ^{3'}	5'-C CA ^{3'}	5'-CAT ^{3'}	5'-gTT ^{3'}	
67	78	77									39											
5'-gAT ^{3'}	5'-gTg ^{3'}	5'-TA A ^{3'}									5'-A gT ^{3'}											
67																						
5'-gAg ^{3'}																						
71																						
5'-Cg C ^{3'}																						
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	Well No.
			24		26						32											*040101-040103
											32											*0402
					26						32											*040301, 040403-040304
					26						32											*040302
					26						32											*0404
					26						32											*040501, 040503-040506
					26																	*040502
					26																	*040601-040602
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	Well No.
155	230	120	85	125	200	120	90	75	80	85	115	215	260	245	240	235	215	175	150	160	110	Length of spec.

[illegible]

		23			26					32													*0444		
				25	26				32															*0445	
					26																		*0446		
								32																*0447	
					26					32													*0448		
				26			27																		*0449
	22				26					32													*0450		
				26						32			35											*0451	
					26					32													*0452		
								32																*0453	
										32													*0454		
				26						32															*0455
21										32													*0456		
				26						32															*0457
21										32													*0458		
				26						32															*0459
					26	27				32													*0460		
				26						32															*0461
			24		26					32							39						*0462		
24				26						32															*0463
			24	25				29		31													*0464		
				26						33															*0465
			24										34										*0466		
				26			27				30		32												*0467
					26																		*0468		
				26						29		32					39							*0469	
					26					32			35										*0470		
				26						32			36											*0471	
			24		26					32					37								*0472		
21										32							38							*0473	
		23			26			29		32													*0474		
				26						32							38							*0475	
			24		26					32									41				*0476		
				26						32											42			*0477	
					26																		*0478		
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42		Well No.		

[illegible]

				260																				
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	Well No.		
					26													39				*1410		
								29															*1442	
																		39				*1457		
																						DRB1 allele		
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	Well No.		
			24																			DRB3*01010201-0113, 020201-0203, 0205-0210, 0212, 0213, 0215, 0216, 0218-0223, 0303 DRB3*0211, 0217 DRB5*0112		
			w					29																
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	Well No.		